

Converting Colors

`RYB(198, 204, 224)`

Have a look what the booklet for
RYB(198, 204, 224) contains.

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Color

`RYB(198, 204, 224)`

Conversions

Conversions Part 1

Format	Color
Hex	C6CEE0
RGB	198, 206, 224
RGB Percent	78%, 81%, 88%
CMY	0.2235, 0.1929, 0.1216
CMYK	0.12, 0.08, 0.00, 0.12
HSL	222°, 30%, 83%
HSV	222°, 12%, 88%
XYZ	58.7664, 61.4340, 79.2816
YIQ	205.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

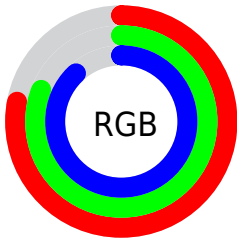
Format	Color
R_{YB}	198, 204, 224
Decimal	13029088
CIE _{Lab}	82.61, 0.91, -9.91
CIE _{LCh}	83, 9.951, 275.240
Yxy	61.4340, 0.2946, 0.3080
Android (android.graphics.Color)	4291219168 (0xFFC6CEE0)
YUV	205.6600, 9.0416, -6.7178
Hunter-Lab	78.3798, -3.3317, -5.1063

Details

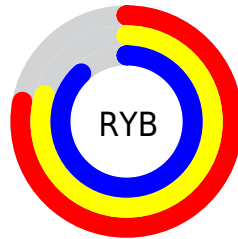
The RYB color **198, 204, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 224, 198**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 150, 169** is the 20% darker color. If you saturate the color by 10%, you get **176, 187, 224**, and if you desaturate by 10%, it is **220, 221, 224**.

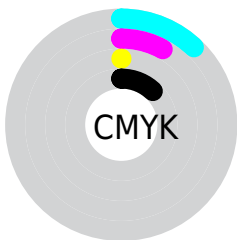
Distribution



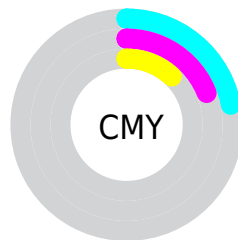
- Red (78%)
- Green (81%)
- Blue (88%)



- Red (78%)
- Yellow (80%)
- Blue (88%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 204, 224 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 198, 204, 224 by changing the saturation by 10% instead.

■ 198, 204, 224

255, 255, 255

■ 198, 204, 224

■ 171, 176, 196

■ 144, 150, 169

■ 118, 124, 142

■ 93, 99, 117

■ 70, 75, 92

■ 47, 52, 69

■ 26, 31, 46

■ 1, 8, 26

■ 0, 0, 0

 198, 204, 224


 198, 204, 224

 176, 187, 224

 220, 221, 224

 153, 169, 224


 233, 243, 224


 131, 153, 224


 226, 255, 224

 108, 135, 224


 224, 255, 224

 86, 118, 224

 64, 101, 224

 41, 83, 224

 19, 66, 224

 0, 52, 224

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 201, 222



198, 204, 224



210, 203, 221

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198, 204, 224



226, 201, 195



191, 205, 210

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



198, 204, 224



210, 224, 198

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



190, 208, 197



198, 204, 224



221, 211, 189

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198, 204, 224



225, 199, 204



197, 212, 187



184, 199, 211

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198, 204, 224



217, 201, 216



197, 212, 187



194, 209, 210

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



198, 204, 224



247, 249, 255



198, 213, 224



122, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 204, 224



219, 227, 255



203, 198, 224



101, 103, 112



0, 41, 176



0, 11, 48

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



224, 198, 206



255, 219, 230



198, 224, 203



112, 101, 104



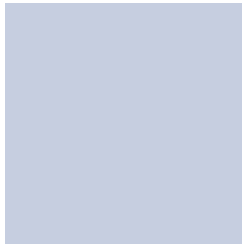
176, 0, 53



48, 0, 15

Previews

White Background



This preview shows how the RYB color 198, 204, 224 looks on a white background.

Color Contrast Check

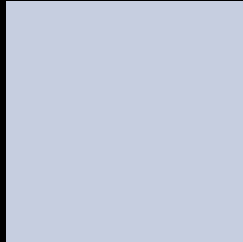
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 198, 204, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

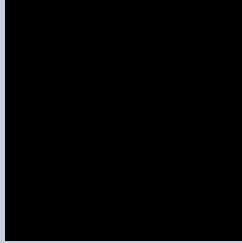
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

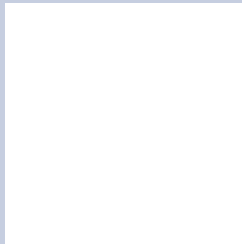
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R/Y/B 198, 204, 224 Background



This preview shows how black text looks on a background with the R/Y/B color 198, 204, 224.



This preview shows how white text looks on a background with the R/Y/B color 198, 204, 224.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
198, 204, 224

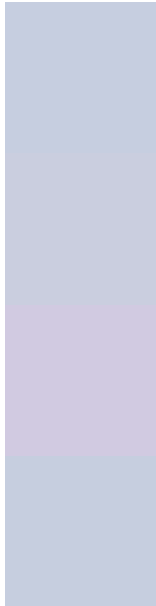
Protanopia
204, 204, 223

Deuteranopia
216, 200, 225



Tritanopia
198, 204, 222

Trichromacy



Original Color
198, 204, 224

Protanomaly
202, 205, 223

Deuteranomaly
209, 202, 225

Tritanomaly
198, 204, 223

Monochromacy



Original Color
198, 204, 224

Achromatopsia
206, 206, 206

Achromatomaly
203, 205, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 204, 224 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(198, 206, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 206, 224) }
```

Border

The CSS property to change the border of an element to RYB 198, 204, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 206, 224) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 206, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(198, 206,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 198, 204, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 206, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
206, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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